

Title (en)
POLYPEPTIDES BINDING TO HUMAN SYNTAXIN 1A

Title (de)
AN MENSCHLICHES SYNTAXIN 1a BINDENDE POLYPEPTIDE

Title (fr)
POLYPEPTIDES SE LIANT A LA SYNTAXINE 1A HUMAINE

Publication
EP 1489178 A4 20050824 (EN)

Application
EP 03710429 A 20030319

Priority
• JP 0303308 W 20030319
• JP 2002075551 A 20020319

Abstract (en)
[origin: EP1489178A1] There is provided a polypeptide that binds to syntaxin-1a and comprises the amino acid sequence shown in SEQ ID NO: 1 in the Sequence Listing, or a polypeptide having a homology of at least approximately 90% to the amino acid sequence that binds to syntaxin-1a, a partial peptide thereof, and a polynucleotide encoding any of these polypeptides or the complementary strand thereof, as well as an inhibitor, an antagonist, and an activator of physiological activity of any of the polypeptides. Further, a pharmaceutical composition that utilizes these is provided. There is also provided a method for producing the polypeptides or the peptide by genetic engineering techniques, a method for identifying the inhibitor, antagonist, or activator, and a method and a kit for diagnosing a disease with which the polypeptides are associated.

IPC 1-7
C12N 15/12; C12N 15/63; C12N 1/19; C12N 1/21; C12N 5/10; C07K 14/47; C07K 16/18; C12P 21/02; C12Q 1/02; C12Q 1/68; A61K 35/76; A61K 38/00; A61K 39/395; A61K 45/00; A61K 48/00; A61P 25/00; G01N 33/15; G01N 33/50; G01N 33/53; G01N 33/566

IPC 8 full level
A61P 25/00 (2006.01); **C07K 14/47** (2006.01); **C12N 1/19** (2006.01); **C12N 1/21** (2006.01); **C12N 15/12** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP US)
A61P 25/00 (2017.12 - EP); **A61P 43/00** (2017.12 - EP); **C07K 14/47** (2013.01 - EP US); **G01N 33/566** (2013.01 - EP US)

Citation (search report)
• [PX] WO 03016475 A2 20030227 - GEN HOSPITAL CORP [US], et al
• [E] WO 2004009834 A2 20040129 - NUVELO INC [US], et al
• [X] DATABASE NCBI [online] 16 June 1999 (1999-06-16), XP002333616, retrieved from EBI Database accession no. AB023223
• [X] DATABASE UniProt [online] 1 November 1999 (1999-11-01), XP002333617, retrieved from EBI Database accession no. Q9Y2K9
• See references of WO 03078633A1

Cited by
KR20210043789A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1489178 A1 20041222; **EP 1489178 A4 20050824**; AU 2003221433 A1 20030929; CA 2478790 A1 20030925; JP WO2003078633 A1 20050714; US 2005228169 A1 20051013; WO 03078633 A1 20030925

DOCDB simple family (application)
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